# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 00:00 on Thursday 27 Jan 2022 until 23:59 on Friday 28 Jan 2022

Forecast Issued on Wednesday 26 Jan 2022 at 16:18

**Confidence:** High for a mostly fine, cold day with easing winds Thursday and for becoming more unsettled through Friday and the weekend but lower for details on timing of rain and, especially Sunday, strength of winds.

**Headline for Thursday 27 Jan 2022:** Sunny spells and a few showers. Strong northwesterly winds easing

**Mountain weather hazards on Thursday 27 Jan 2022**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy persistent snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>Low Likelihood | **Severe chill effect**<br>Low Likelihood | **Poor visibility**<br>Low Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>No Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | | | |
| Heavy Rain | Light rain | Cloudy | Sunny intervals | Sunny intervals | Sunny intervals | Partly cloudy (night) | Clear night |
| Precipitation probability | | | | | | | |
| 70% | 60% | 30% | <05% | 10% | 10% | <05% | 00% |

**Forecast for Thursday 27 Jan 2022**

**Weather:** Occasionally heavy rain clearing southeastwards through the early hours with clear spells developing towards dawn. Then a mainly dry and bright day with some good spells of sunshine around, especially in the east, and just a few showers in the west. Dry with long clear spells in the evening.

**Chance of cloud-free hill tops above 600m:** Little chance in the early hours improving to around 75% soon after dawn, improving close to 100% across eastern hills in afternoon.

**Low cloud and visibility:** Periods or persistent cloud above 300-450m at first becoming occasional above 600m soon after dawn, with only small amounts of cloud below the summits across eastern hills in the afternoon. Otherwise visibility several kilometres in early rain but soon becoming very good, falling only briefly in any showers.

Check our weather forecast every day to get the most accurate and up to date information
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# Met Office Mountain Weather Forecast

**Forecast for Thursday 27 Jan 2022**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 29/40 SW | 31/42 W | 27/36 W | 25/36 W | 23/33 W | 19/27 W | 18/27 W | 13/20 W | 11/15 W |
| **300** | 22/32 SW | 23/34 W | 20/31 W | 19/30 W | 19/28 W | 15/23 W | 14/24 W | 11/19 W | 8/13 W |
| **Valley** | 11/27 SW | 16/34 W | 13/28 W | 13/28 W | 13/26 W | 11/23 W | 10/21 W | 6/15 NW | 4/10 W |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 4/-3 | 5/-1 | 4/-2 | 4/-3 | 4/-2 | 4/-2 | 3/-3 | 2/-3 | 1/-3 |
| **300** | 6/1 | 7/2 | 7/2 | 6/1 | 7/2 | 6/2 | 5/1 | 5/1 | 4/0 |
| **Valley** | 6/3 | 7/4 | 7/4 | 6/3 | 7/4 | 7/4 | 6/3 | 4/2 | 3/1 |
| **Freezing Level*** | 2100m | 1900m | 1200m | 1000m | 1000m | 1000m | 1000m | 900m | 800m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Gusts around 50mph over higher peaks at first, but generally nearer 40mph through the morning.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 15:00 on Wed 26 Jan 2022 | 0.2mm | 0.4mm | 0.4mm |

**Forecast for Friday 28 Jan 2022**

**Weather:** Dry, bright and chilly start but cloud increasing through the morning with patchy rain in the afternoon and evening, mainly affecting western hills.

**Maximum wind:** Westerly 10-15mph backing southwesterly 20mph by midday then increasing 25-30mph, gusts around 45mph over higher peaks, in the evening.

**Chance of cloud-free hill tops above 600m:** Around 75% at first becoming close to zero in west, but nearer 25% in east, by early afternoon.

**Low cloud and visibility:** Occasional cloud above 600m at dawn becoming periods or persistent cloud above 450-600m by early afternoon, cloud becoming more occasional at times over eastern hills. Otherwise visibility very good becoming rather hazy under the cloud and falling to several kilometres in rain.

**Temperature:** **Valleys:** Around minus 1 Celsius, especially in east, at dawn rising to plus 9 or 10 Celsius
**At 600m:** Around plus 1 Celsius rising to plus 5 Celsius
**Freezing level:** Just above the summits initially then rising.

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